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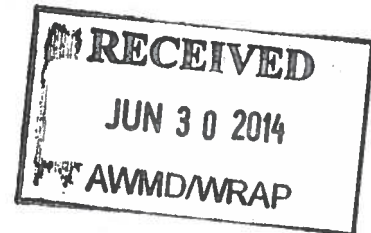
Robert Moser, MD, Secretary

Department of Health & Environment

Sam Brownback, Governor

June 27, 2014

Brenda B. Epperson
Environmental Manager
MRP Properties Company, LLC
P.O. Box 696000
San Antonio, TX 78269-6000



**RE: Human Health Risk Assessment Work Plan for Soil and Groundwater
MRP Properties Company, LLC
1400 South M Street, Arkansas City, Kansas
RCRA ID# KSD087418695**

RCRA



Dear Ms. Epperson,

The Kansas Department of Health and Environment (KDHE) conducted a teleconference with the United States Environmental Protection Agency (EPA) Region 7, MRP Properties Companies, LLC (MRP), and MWH Americas, Inc. on June 12, 2014 to discuss MRP's Response to KDHE Comments on the Human Health Risk Assessment (HHRA) Work Plan for Soil and Groundwater letter, dated April 28, 2014. The HHRA Work Plan reviews existing data and details methods to be used in the preparation of a baseline human health risk assessment, as required under Section III.H. of the Part II Permit. The following changes to the HHRA Work Plan for Soil and Groundwater were discussed and agreed upon by EPA, KDHE, and MRP during the teleconference:

1. Investigation of SWMU #9, SWMU #10, SWMU #11, and SWMU #25 will be included in the HHRA for Surface Water and Sediments instead of the HHRA for Soil and Groundwater. These units will be evaluated for both human health and ecological risk. Currently, these former surface impoundments are being used as storm water retention ponds and closure will be determined by future land use at the site. Soil/sediment data collected from these units will be used in evaluation of future closure requirements.
2. The Asphalt Terminal Operator's office in Exposure Unit EU-1, the MRP Office/Maintenance building in Exposure Unit EU-8, and the Nu-Star Pipeline Pumping Station located in Exposure Unit EU-14 will be included in the list of occupied buildings to be screened for potential vapor intrusion to indoor air.
3. To assess contamination in subsurface soils and groundwater, soil borings will be used for soil vapor intrusion screening instead of existing monitoring wells. MRP will advance two soil borings adjacent (pending underground utility clearance) to each of the three buildings described above. The soil borings will be located upgradient and downgradient of the buildings. The soil borings will be advanced via direct push methods using a continuous soil sampler with a clear PVC sample sleeve.

The soil borings will be advanced to 15 feet below the ground surface or to groundwater, whichever occurs first. The soil column will be monitored and bag headspace measurements will be taken at one foot intervals using an organic vapor analyzer equipped with a 10.6 eV photoionization detector. A

minimum of two soil samples will be collected per soil boring, up to a maximum of three, and submitted for lab analysis. Although not specifically discussed during the call, one sample will be collected to represent the highest concentration based on PID readings and the second sample will be collected at the soil/water interface if encountered, or at 15 feet below ground surface. A third sample representing low-to mid-range values, including non-detects, should be collected from one to two boring to evaluate the headspace results. Soil samples will be tested by the laboratory for TPH-gasoline range organics using EPA Method 8015C and Permit Part 1 Attachment B VOC and naphthalene using EPA SW-846 Method 5035/8260B.

A groundwater sample will be obtained at each of the soil boring locations (or offset approximately five feet). The groundwater sample will be collected from within approximately three feet of the water table (to provide sufficient volume for the sampling device) using a Hydropunch™ discrete sampling device or equivalent. The Hydropunch™ will be advanced to the target depth and the screen intake interval will be exposed. The groundwater sample will be collected by inserting a polyethylene bailer inside the direct push rod (or an inertial groundwater sampling pump, i.e. Solinst, Waterra etc.). Groundwater samples will be tested by the laboratory for TPH-gasoline range organics using EPA Method 8015C and Permit Part 1 Attachment B VOC and naphthalene using EPA SW-846 Method 8260B. Sample bottles for the VOC analysis will be filled first followed by the sample bottles for the TPH-GRO analysis. A new bailer (or sample tubing) will be used at each location. All non-dedicated sampling equipment will be decontaminated before use and between boring locations.

Based on the agreement reached as summarized above, KDHE and EPA hereby approve the HHRA Work Plan for Soil and Groundwater conditional upon incorporation of the above into implementation of the work plan. This letter will serve as an amendment to the HHRA Work Plan for Soil and Groundwater and no further revisions to the document will be required. Please respond in writing by July 7, 2014 if MRP disagrees with the agreements and clarifications summarized above, otherwise, KDHE expects the Soil Investigation Work Plan by August 18, 2014. If you have any questions regarding this letter, please contact me by phone at (785)-291-3760 or e-mail at (mvishnefske@kdheks.gov).

Sincerely,



Mark Vishnefske
Environmental Scientist III
Hazardous Waste Corrective Action and Geology Unit

cc: Jay Mednick – MWH
Brad Roberts – EPA Region VII - AWMD/WRAP
Allison Herring – DEA/SCDO/Waste Programs
Bill Bider – BWM